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ABSTRACT

This annotated bibliography contains material which is helpful to the elementary school teacher in the fields of conservation, ecology, and pollution. All items are classified under the Dewey Decimal System to facilitate their location in school and public libraries. Grade levels are also indicated for each item. The section entitled "Books" is subdivided under the headings of conservation, pure science, and applied science. The remaining sections present items on 1) filmstrips, 2) motion pictures, 3) periodicals, 4) sources of professional information, 5) professional periodicals, 6) charts, pictures, transparencies, units of work, posters, 7) organizations, 8) directory of book publishers, and 9) directory of publishers of audiovisual materials. (BRB)



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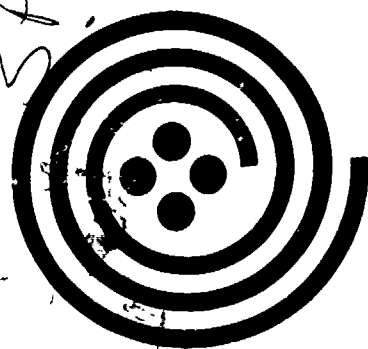
ECOLOGY POLLUTION

CONSERVATION

A Bibliography of Instructional Materials for Elementary School Teachers

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CURRICULUM RESEARCH AND DEVELOPMENT CENTER
SCHOOL OF EDUCATION, INDIANA STATE UNIVERSITY ● TERRE HAUTE

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PREFACE

Mrs. Barbara Gemmecke is a school librarian for the Vigo County School Corporation. She is currently serving as librarian for two elementary schools.

Mrs. Gemmecke elected to enroll in Science Education 580, "Research in the Teaching of Science," as a part of her program for achieving "thirty hours beyond the master's level." In view of her experience as a librarian and her dedication to the education of children, I suggested that she prepare an annotated bibliography of resource materials in some area of science. Mrs. Gemmecke immediately identified ecology, pollution and conservation as related areas in which elementary school teachers indicated a great need for assistance.

This is Mrs. Gemmecke's bibliography of resource materials. I am sure it will be a valuable source of information for elementary teachers who are planning teaching units.

November 1971

Charlotte M. Boener
Associate Professor of
Science Education
Science Teaching Center

A land ethic for tomorrow should be as honest as Thoreau's *Walden* and as comprehensive as the sensitive science of ecology. It should stress the oneness of our resources and the live-and-help-live logic of the great chain of life. If, in our haste to "progress" the economics of ecology are disregarded by citizens and policy makers alike, the result will be an ugly America.

Stewart Lee Udall
The Quiet Crisis

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CONSERVATION PLEDGE

I GIVE MY
PLEDGE AS AN AMERICAN
TO SAVE AND FAITHFULLY TO
DEFEND FROM WASTE THE
NATURAL RESOURCES OF
MY COUNTRY - ITS SOIL
AND MINERALS, ITS
FORESTS, WATERS,
AND WILDLIFE

INTRODUCTION

This bibliography is the result of a survey of current selection aids and school library collections. Selection aids utilized were:

Appraisal, Science Magazine

Basic Book Collection for Elementary Schools, A.L.A.

Best Books for Children

Booklist and Subscription Books Bulletin, A.L.A.

Books for Elementary School Libraries

Books on Exhibit (1970)

Catalog of Educational Films and Filmstrips, Indiana State University

Children's Catalog, Wilson (1965 ed. and supplements)

Elementary School Library Collection, 5th ed. Bro-Dart

Film Guide, Indiana University

Horn Book Magazine, HornBook, Inc.

Instructional Materials Catalog, Vigo County School Corporation

Science and Children (N.S.T.A.)

Science Books; A Quarterly Review (A.A.A.S.)

Science Lists (A.A.A.S.)

School Library Journal, Bowker

The newly adopted science texts for Indiana were examined and suggestions for instructional materials in ecology, conservation, and pollution were found to be inadequate. A logical conclusion is that there appears to be a real need for supplementary materials in these important areas.

In this bibliography an attempt has been made to include the newest titles available as well as older titles of approved quality. The prices may vary from those quoted, although many have been updated with those from Baker and Taylor's (a book jobber) 1971 catalog. Paperback titles on the subject of ecology for children are very limited in number and thus have not been included.

The Dewey Decimal Classification is given to facilitate location in school and public libraries. Grade levels are indicated in the following way:

P - Primary (K-3)

I - Intermediate (4-6)

A - Advanced (for exceptional reading ability)

Other symbols used are:

AP - Art print

AU - Activity Unit

Ch - Chart

E - Easy

Bk - Book

MP - Motion Picture

Mur - Murals

P - Picture

Ph - Photographs

Rec - Record

Ref - Reference

SFS - Sound Filmstrip

SP - Study Print

Tran - Transparencies

II

BOOKS

300 - 333 CONSERVATION

- 330.978
L Dust Bowl. Lauber, P. Coward-McCann, 1958. \$2.66.
A dramatic account of the Great Plains region and its development into a dust bowl. New conservation methods being tried today are also noted. (A)
- 333.7
L America's Endangered Wildlife. Laycock, George. Norton, n.d. \$4.51.
A discussion of fifteen of the rare or endangered animals of North America. Information includes how and where they live, why they are endangered, and what is being done to save them. (A)
- 333.7
G Children of the Ark. Gray, Robert. Norton, c1968. \$4.14.
Ecological problems facing over thirty species of land mammals, birds, and reptiles are discussed. (A)
- 333.7
H Conservation and You. Hitch, Allen. Van Nostrand, c1964. \$3.50.
The need for preserving wildlife and wildlife areas and for maintaining the delicate balance of nature upon which mankind's survival depends is stressed. (A)
- 333.7
H Conservation in America. Hogner, Dorothy Childs. Lippincott, c1958. \$2.65.
Describes projects to save specific animals from extinction and activities of government and private agencies to conserve our natural resources-- wildlife, forests, fish, land and water. (A)
- 333.7
B Conservation of Natural Resources. Boy Scouts of America, 1967 (Paperback). \$.45.
Problems of water and air pollution, interrelations of resources; laws for, and careers in conservation. (I-A)
- 333.7
D The Conservation of Nature. Duffy, Eric. McGraw-Hill, c1970.
The author stresses soil fertility, safeguarding our water resources, wildlife conservation, and the danger of pesticides. (A)
- 333.7
S The First Book of Conservation. Smith, F.C. Watts, c1964. \$2.81.
Story of our natural resources and wildlife, how the interrelations set up by nature have sometimes been damaged, and what is now being done to preserve, protect, and renew our natural resources. (I-A)
- 333.7
H The First Book of Wildlife Sanctuaries. Harrison, C. William. Watts, c1963. \$2.81.
Describes establishment and development of sanctuaries and refuges in United States. (I)
- 333.7
B Freedom and Plenty: Ours to Save. Bronson, W.S. Harcourt, 1953. 132 p. illus. \$3.37.
This survey of conservation problems traces man's destructive trail across the American continent and points out conservation remedies. Carefully prepared, this book can be used by schools and club groups. (I-A)

- 333.7
L Let Them Live. Lathrop, D.P. Macmillan, 1951. \$3.50.
A passionate plea is made for the conservation of wildlife. Brief sketches describe the lives and habits of animals, birds, and insects, and their place in Nature's plan. (I)
- 333.7
S New Worlds for Wildlife. Sutton, Ann and Myron. Rand McNally. \$4.79.
A chronicle of conservationists' heroic efforts all over the world to save animal species. A reasoned and positive approach to wildlife conservation. (A)
- 333.7
U.S. Outdoors U.S.A. U.S. Department of Agriculture, U.S. Government Printing Office, 1967. \$2.75.
Many brief articles on an important subject covered under: The big woods, water, beautification, and the countryside--all on the theme of conservation of our natural resources. (I-A)
- 333.7
T Park Rangers and Game Wardens the World Over. Torbert, Floyd James. Hastings House, 1968. \$3.96.
Duties and responsibilities of park rangers, game wardens, and other conservation officers in sixteen countries are discussed. (I-A)
- 333.7
M Saving Our Wildlife. McCoy, J.J., Crowell-Collier, c1970. \$5.95.
Recounts the history of wildlife destruction in the United States and discusses the growth of the conservation movement. (A)
- 333.7
M Shadows Over the Land. McCoy, J.J., Seabury, 1970. \$4.95.
A discussion of air and water pollution, pesticides, threatened wildlife and wilderness areas, and urban blight with conservation suggestions for young people. (I-A)
- 333.7
A The Sign of the Flying Goose: A Guide to the National Wildlife Refuges. Published for the American Museum of Natural History Press, c1965. \$3.99.
Seventeen million acres of wildlife refuges are described; seventeen refuges for America's most interesting mammals, birds, and reptiles are described. (I-A)
- 333.7
G The True Book of Conservation. Gates, Richard. Children's Press, 1959. \$2.44.
An easy-to-read story explaining how conservationists are working to preserve America's land and wildlife. (P-I)
- 333.7
T Vanishing Wild Animals of the World. Titler, Richard. Watts, F. c1968. \$5.96.
An explanation of how and why animals vanish, a survey of those that are endangered, and an explanation of how endangered animals can be saved. (I-A)
- 333.7
L Waterfowl Tomorrow. Linduska, Joseph, Ed. U.S. Department of the Interior. Bureau of Sport Fisheries and Wildlife. Fish and Wildlife Service. Government Printing Office, 1964.
Definitive information for schools and students interested in waterfowl projects. (I-A)

- 333.7
I Wild Refuge. Laycock, George. Natural History, 1969. \$3.78.
An introduction to National Wildlife Refuge System and the devoted people who work to protect and preserve vanishing species of wildlife. (I-A)
- 333.7
H Wildlife. Harrison, C. William. Messner, cl 1964. 64. Riches of the Earth Series.
Emphasizes the importance of wildlife conservation and stresses the steps to be taken if it is to be saved. (A)
- 333.7
V Wildlife for America. Van Dursal, William R. Walck, 1970. \$6.00.
An easy-reading, nontechnical book on wildlife conservation and management. Primary grades would enjoy the photographs. (P-I)
- 333.7
C Wildlife in Danger. Green, Ivah. Coward-McCann, cl 1960. \$3.49.
Describes twenty-nine extinct or nearly extinct American birds and animals. Explains laws which protect wildlife and what still needs to be done. (P-I)
- 333.7
C Wildlife Rescuer Alternative to Extinction. Graham, Ada and Frank Jr., Cowles, cl 1970. \$4.95.
Heroic efforts by a handful of dedicated people to rescue threatened wildlife. (A)
- 333.72
B How to Kill a Golden State. Bronson, William. Doubleday, 1968. \$6.95.
Pollution and destruction of the author's beloved "Golden State" is documented. Problems of smog, billboards, trash, insecticides, waterway reclamation, and scandalous timbering practices are discussed. (I-A)
- 333.9
B The Clean Brook. Bartlett, Margaret Tarrington. Crowell, 1960. \$3.97.
Nature's purification processes are described as we follow a sparkling brook which becomes littered and muddy, then clear again. (P-I)
- 333.9
P The Only Earth We Have. Pringle, Laurence. Macmillan. \$3.38.
Describes the gases, detergents, pesticides, and water materials which have become a threat to man's environment. (I-A)
- 333.9
A Rain, Rivers, and Reservoirs: the challenge of running water. Archer, Sellers C. Coward-McCann, 1963. \$2.66.
Illustrated discussion of the importance of water conservation, past, present, future. (I-A)
- 333.9
H Rivers and Watersheds in America's Future. Helfman, Elizabeth S. McKay, cl 1965. \$4.19.
Use and abuse of rivers and watersheds from the earliest times to the present, emphasizes effect of changing rivers; need for responsible future planning is stressed. (A)
- 333.9
M Water at Work. Meyer, Jerome S. World, 1963. \$4.91.
Water is defined, and its availability and wise use are discussed. (I-A)
- 333.9
R Water for Your Community. Radlauer, Edward and Ruth Radlauer. Elk Grove, 1968. \$3.99.
Discusses the need for water, where water comes from, and the way it is stored and distributed. (P-I)

- 333.9
G Water: Our most valuable natural resource. Green, Ivah. Coward, McCann, 1958. \$3.49.

Discusses sources of water, its cycles, its wise use through improved methods of farming and conservation practices. (I-A)

- 333.9
B Water: Our Vital Need. Buehr, Walter. Norton, c1967. \$3.69.
Includes a description of the water cycle and the characteristics of water, emphasizes that water is essential to life. Water conservation, the control of water pollution, and desalination are also discussed. (I)

- 333.9
B Water--Riches or Ruin. Bauer, Helen. Doubleday, 1959. \$4.12.
A discussion of the necessity of water conservation, stressing the possible future consequences of today's apathy. (I)

- 347.9
S How a Law is Made: The Story of a Bill Against Air Pollution. Stevens, Lonard A. Crowell. \$3.95.
Explains the process by which ordinary people just like you and me make the laws that affect our lives. (I-A)

- 353.3
C Fish and Wildlife: the story of the work of the United States Fish and Wildlife Service. Colby, C. B. Coward-McCann, c1955. \$2.97.
Protection of fish and wildlife by the agency; replenishment of species and research for better use of fish and wildlife resources is stressed. (I)

- 353.3
C Park Rangers. Colby, C.B. Coward-McCann, 1955. \$2.50.
The life of a man who must be guide, surveyor, policeman, fire fighter, and rescuer of wild life and tourists in one of our national parks is described. (I-A)

500 - 599 - PURE SCIENCE

- 500
M Little Wonder Books. Charles E. Merrill Co. 400 South Front Street, Columbus, 15, Ohio. Fifteen cents each. (P-I)

No. 104 Story of Seeds
No. 204 Plants That Give Us Food
No. 207 Where Animals Live
No. 407 Trees
No. 410 Color Protection
No. 501 Our Land of Plenty
No. 512 Balance in Nature
No. 514 Early Life on Earth
No. 615 The Earth

- 540.72
S The Chemistry of Soap. Stone, A. Harris. Prentice-Hall, 1968. \$3.16.
Thought-provoking experiments which revolve around a cake of soap, simple household materials, and an inquiring mind. (I)

- 550
D What is the Earth? Darby, Gene. Benefic Press, c1961. (The What Is It Series) \$2.00.
Wise use of soil is pointed out in this volume. A filmstrip is available to accompany the book. (P)

- 551
E The Dirt Book. Evans, Eva Knox. Little Brown, c1964. \$3.75.
The story of dirt from the beginning, where it came from, how it was made, what kinds there are, and what each kind does for you. (I-A)
- 551
D Spaceship Earth: A Space Look at Our Troubled Planet. Dwiggins, Don.
Golden Gate, 1970. \$4.27.
An account of the new technology being developed to relieve the worldwide emergency brought about by pollution and over-population with emphasis on Earth Resources Technology Satellites. (I)
- 551.3
F The Land We Live On. Fenton, Carroll Lane. Doubleday, c1966. \$3.51.
Tells about the prairies, deserts, mountains, mesas, and tablelands of the United States, how they came to be, and how people can help preserve the land. (I)
- 551.4
D About Rivers. Dickey, Albert. Melmont, 1959. \$2.25.
The development of rivers is discussed, also man's control and use of rivers is related. (P-I)
- 551.4
R A Drop of Water. Rosenfeld, Sam. Harvey-House, 1970. \$3.25
What happens to a drop of water and of what is it composed? (I)
- 551.4
N The First Book of Rivers. Naden, Corinne. Watts, 1967. \$2.44.
A study of the value of rivers, their power of erosion, and the problem of their pollution. (I)
- 551.4
D Fresh Water, the Precious Resource. Davies, Delwyn. Doubleday, 1969.
\$6.70.
Recommended for reference use in elementary school libraries. (I-A)
- 551.4
N Grasslands Around the World. Naden, C.J. Watts, c1971. \$3.75.
An explanation of location and definition of grasslands and their importance in feeding the world's population. (I-A)
- 551.4
A Home Beneath the Sea: An Introduction to Ocean Ecology. Arnov, Boris.
Little Brown. \$4.45.
Vivid descriptions of special areas of the sea; might serve as inspiration for additional study of marine ecological concepts. (I-A)
- 551.4
P Junior Science Book of Water. Peterson, Ottis. Garrard, 1966. \$2.39.
Tells what water is, how it is formed, how the water cycle works; and how science uses and misuses it. (I)
- 551.4
G Rivers. Goetz, D. Morrow, 1969. \$3.36.
Survey of some of the special characteristics of some of the world's rivers, the flora and fauna on the shores of the Patomic and the importance of conservation. (I)
- 551.4
G Water for America: the story of Water Conservation. Graham, Ed.H. Walck, c1956. \$3.75.
A topical presentation of the importance of water, how it is used and the importance and methods of conserving water. (I)

- 551.4
H What is Water? Hageman, Adaline. Benefic Press, c1960. \$2.00.
The text stresses the importance of the wise use of water. (P-I)
- 551.4
B Where the Brook Begins. Bartlett, Margaret F. Crowell, 1961. \$2.95.
A description of the source of water in a brook and how larger streams are formed, in rhythmic words and pictures. (P)
- 551.4
F Wild Folk in the Desert. Fenton, Carroll L. Day, 1958. \$3.96.
Some of the habits, diets, life cycles and means of protection of the flora and fauna of five deserts of the United States are explained and many kinds of adaptations which make life possible are pointed out. (I)
- 551.5
S Randy Raindrop Takes a Trip. Shigley, Forrest D. Denison, 1960. \$3.99.
The story of the water cycle, including evaporation and precipitation is told through the travels of Randy Raindrop. (I)
- 574
N As We Live and Breathe. The Challenge of Our Environment. National Geographic Society. 200 pp. color. \$4.25.
Learn how concerned Americans are reshaping their own lives to preserve the delicate balance of nature. (A)
- 574
B The Clean Brook. Bartlett, M.F. Crowell, 1960. unp. illus. \$2.65.
A well illustrated, very elementary description of the natural pollution and purification of a stream. (P)
- 574
A Day and a Night in the Arctic. Adrian, Mary. Hastings, c1970. \$3.66.
A nature story that reveals the relationship between the individual concerns of Arctic animals and the balance of nature they unknowingly help to maintain. An excellent introduction to ecology. (P-I)
- 574
H Field Book of Nature Activities and Conservation. Hillcourt, William. Supply Division, Boy Scouts of America. North Brunswick, N.J. \$4.95.
Broad outline of possible Scout activities in the field of nature and every conceivable nature hobby. (I-A)
- 574
H High Meadow: the Ecology of a Mountain Meadow. Heady, Eleanor B. and Harold F. Grosset, 1970. \$4.50.
The life of one meadow is described with its beginnings in the Ice Age, and as it is now during each of the changing seasons. Food cycles are described and death is shown as a part of life. Beginning students are given an excellent understanding of the term ecology. (I-A)
- 574
B In Ponds and Streams. Buck, M.W., Abingdon, 1955. \$3.00.
Flora and fauna that live on or around small bodies of water are described. Clear and attractive drawings; excellent index and bibliography. (I-A)

- 574
B In Woods and Yards. Buck, M. W., Abingdon, c1950. \$3.00.
A carefully checked handbook of nature study for beginning naturalists. Descriptions are informal, but accurate. Scientific names appear in the index; bibliography. (I-A)
- 574
B In Yards and Gardens. Buck, M. W., Abingdon, 1952. \$3.00.
Much information about animal and plant life commonly found in yards and gardens. Index. Bibliography. (I-A)
- 574
C Pond. Carrick, Carol. Macmillan. \$4.95.
A day in the life of a pond and the animals depending on it for food or shelter. Basic ecological concepts are introduced to the very young. (P)
- 574
D A Vanishing Prairie. Disney, Walt. Simon & Schuster, c1958. \$3.50.
Animals of the great prairie that are vanishing from the American scene are pictured through photographs that accompany the text. (I-A)
- 574
S See Through the Forest. Selsam, M., Harper, 1956. \$2.95.
The building of plant and animal life at each level of the forest from the dark, wet basement to the leafy roof is described. Interdependence of the plant, and animal community is pointed out. (P-I)
- 574
J The Southern Swamps of America. Johnson, James R. McKay, c1970. \$3.67.
About five famous areas set aside as swamp refuges: Okefenokee National Wildlife Refuge in Georgia, Everglades National Park, Corkscrew Swamps, and Big Cypress Swamp in Florida, and Reelfoot Lake in Tennessee. (A)
- 574
N The Young Scientists. Navarra, John G. and Zalforoni, Joseph. Harper and Row. 6 vols.
A complete elementary basic series that coalesces all science learning into visible science property. Published for education in ecology. (I-A)
- 574.5
S Find a Career in Conservation. Smith, Jean. Putnam, 1959. \$2.75.
A helpful, interesting introduction to career opportunities in conservation. (A)
- 574.5
S First Book of Water. Smith. Watts, 1959. \$2.50.
Importance of water composition, use in agriculture and industry. Water cycle is also explained and methods of conservation discussed. (I)
- 574.5
H Habitat. Halacy, D. S. Jr., Macrae, T., c1970. \$4.95.
A comprehensive view of man in his context of cosmos and world explains the new concept of ecology that is the key to the survival of our species. (A)
- 574.5
H The Living Community. Hirsh, S. Carl., Viking, 1966. \$3.56.
A basic introduction to ecology, stressing man's need to use his resources wisely for benefit to all life. (I-A)

- 574.5
S Natural Partnership, the story of Symbiosis. Shuttlesworth, Dorothy. Doubleday, 1969.
A useful collateral reading and study book for older grade school students. (A)
- 574.5
S Nature's Way; a look at the Web of Life. Stephen, David and James Lockie. McGraw-Hill, 1969. \$.72.
A comprehensive pictorial introduction to the science of ecology. Bibliography. (I-A)
- 574.5
A Nature's Ways: How Nature Takes Care of You. Andrews, Roy C. Crown, 1969. 206 pp. \$10.00.
Of interest for student to read casually for increased knowledge of animals in general and might serve as stimulus for further inquiry. (A)
- 574.5
W Our Tree. Herbert H. Wong and Matthew F. Vessel. Addison-Wesley, 1969. \$3.26.
By observing their large oak tree throughout the changing seasons, a family learns to appreciate the tree's ecological role. (P)
- 574.5 A Place in the Sun: Ecology and the Living World. Morrow, c1968.
Study of the living world around us. Brief information about the deserts, wetlands, grasslands, and the Arctic tundra. (A)
- 574.5 The Pyramid of Living Things. McGraw-Hill, c1967. \$4.33.
Basic ideas of ecology, food chains, adaptation and conservation by means of a triangle. Like a pyramid that narrows from base to peak, the productivity of living things decreases. (A)
- 574.5
K The Tale of a Meadow. Kane, Henry B., Knopf, 1959. \$3.00.
A study of the ecology of a meadow through the eyes and ears of a boy who learned to know it well. Can be read to younger children. (I)
- 574.5
C Tia Maria's Garden. Clark, Ann Nolan. Viking, 1963. \$3.04 net.
A literary walk through New Mexico's desert to see the plants and animals of the region. Jack Keats' illustrations are good. (P)
- 574.5
R Watchers at the Pond. Russell, Franklin. Knopf, 1961. \$4.50.
A year in the life of a pond in the wilderness is the basis for this beautifully written account. (I-A)
- 574.5
R Water for People. Riedman, Sarah. Abelard, 1960. \$3.00.
An account of major water engineering and conservation projects in the world. (I-A)
- 574.5
S The Web of Life. Storer, John H. Devin, 1963. \$3.60. (paperbound, Signet 2265. 60c.)
Shows a natural community in action, how it grows, builds its own environment and changes that environment so that original plants and animals must give way to others. (I-A)

- 574.5
P The Web of Nature. Pettit, Ted S., Doubleday, 1960. 56 pp. illus. \$2.95.
A descriptive account of various types of ecological balance and of the need for conservation programs and practices. (I-A)
- 574.9
L City Parks and Home Gardens. Lemmon, Robert S. Creative, 1960. \$6.50.
Basic conservation practices are emphasized and flora and fauna are described. (I-A)
- 574.9
K The Desert. Klots, Alexander B. Creative, 1960. \$6.50. Community of Living Things Series.
Flora and fauna of the desert are introduced and basic conservation practices are introduced. (I-A)
- 574.9
R Field and Meadow. Ress, Etta S., ed. Creative, 1960. \$6.50. Community of Living Things Series.
A variety of ecological and natural history complexes are introduced. Basic conservation practices are emphasized. (I-A)
- 574.9
C Forest and Woodland. Collins, Stephen. Creative, 1960. \$6.50. Community of Living Things Series.
Flora and fauna of the forest and woodland are introduced and basic conservation practices are introduced. (I)
- 574.9
C Fresh and Salt Water. Cadbury, Bartram. Creative, 1956. \$6.50. Community of Living Things Series.
Two major kinds of water habitats, fresh and salt water are explored, stressing the importance of the role of water in the life of man and nature. (I-A)
- 574.9
F The Land and Wildlife of North America. Farb, Peter. Time, c1964. \$5.28.
Pristine and virgin country of North America before man are described. How greed and great disregard of man resulted in lost frontiers and destruction. Excellent photographs. (A)
- 574.9
B Fresh-water Friends and Foes. Barker, Will. Acropolis Books, c1967. \$1.95.
Describes wildlife of fresh-water ponds and how water pollution is a threat to all living creatures. Actions of agencies and industries to assure future fresh water are noted. (A)
- 574.92
W Pond Life: Watching Animals Grow Up. Wong, Herbert H. Addison-Wesley. \$4.75.
On three trips to a pond, two boys observe animal habits and growth. (I)
- 574.92
S See Through the Lake. Selsam, Millicent. Harper, 1958.
Discover all the fascinating things in a lake that live in its marvelous community. (I)
- 581
S Birth of a Forest. Selsam, M. E., Harper, 1964. \$2.50.
The process by which a forest is born over a period of thousands of years is revealed. (P-I)

- 582
M Because of a Tree. Milne, L. J. Atheneum Pubs. 1963. \$3.95.
An ecological study emphasizing the inter-dependence among trees and various insects, plants, and animals. Nature facts organized for upper elementary school children. (I)
- 582.16
S Vanishing Giants: the Story of the Sequoias. Silverberg, Robert. Simon and Schuster, 1969. \$4.29.
The discovery and individual characteristics of the redwoods and sequoias are related along with the conflict between conservationists and lumbermen over their disposition. (I-A)
- 590
N Children's Wildlife Books. National Wildlife Federation. Washington, D. C. \$2.50. (P-I)
Animal Babies
Birds at Home
Friendly Animals
Homes and Habits of Wild Animals
Traveling With Birds
- 591
G Children of the Ark: the Rescue of the World's Vanishing Wildlife. Gray, Robert. Norton, 1968. \$4.14.
The story of those animals threatened with extinction and what is being done to save them by such organizations as the World Wildlife Federation. (I)
- 591.5
S The Tale of Whitefoot. Brandhorst, Carl T., and Robert Sylvester. Simon and Schuster Inc., 1968. \$3.39.
Cycle of life of a whitefoot mouse for over a period of a year is recorded. (I-A)
- 591.97
S Animals at Bay: rare and rescued American Wildlife. Stoutenburg, Adrien. Doubleday, 1968. \$3.32.
The author stresses the unique role each species plays in the cycle of nature and the importance of protecting and preserving America's wildlife threatened with extinction today. (A)
- 591.5
S Unusual Partners. Silverstein, Alvin and Virginia B. Silverstein. McGraw-Hill, 1968. \$4.50.
Informative book for the beginning student of ecology. Needed by all school and public libraries. Such animals as the honey guide, honey badger, plover, tickbird, and ants who milk "aphid cows." (I-A)
- 591.5
R City Critters. Russell, Helen Ross. Meredith, 1969. \$3.95.
Worthwhile reading for young people for learning some fundamentals of ecology and conservation. (I-A)
- 591.97
M The Wildlife of North America. Mason, George F. Hastings House, c1966. \$3.13. (Hastings House World Conservation Series)
George Mason traces animal life on our continent from three hundred million years ago and relates how many once abundant species have been forced to near or complete extinction. More efficient ways of hunting, draining of marshes, use of pesticides, and water pollution are speeding wildlife losses. (I-A)

- 598 Man and the California Condor. McMillan, Ian. Dutton, 1968. \$5.95.
McM Much information on the natural history of the condor, one of a vanishing species, of interest to ornithologists, conservationists, and naturalists. (A)
- 598.2 The Flight of the Snow Goose. Trischet, Berniece. Crown, \$3.35.
T A picture storybook of the snow goose's fight for survival and the story of his triumph over natural and man-made dangers. (P-I)
- 598.2 A Vanishing Thunder. Stoutenberg, Adrien. Published for the American
S Museum of Natural History. c1967. \$4.12.
This publication is concerned with American birds that are threatened with extinction, and the need for their conservation. (A)
- 598.3 Whooping Crane. McClung, Robert M. Morrow, 1959. \$3.78.
M Story of a whooping crane, his mate and their son as they encounter danger, tragedy, and challenge. (I)
- 598.4 The Last Trumpeters. Hutchins, Ross E. Rand McNally, 1967. \$3.47.
H A colorfully illustrated story of the behavior and characteristics of the trumpeter swans, a bird in danger of extinction. (I)
- 598.6 The American Prairie Chicken. Adrian, Mary. Hastings House, 1968. \$3.24.
A An account of the events in the endangered life of a typical prairie hen. Bibliog. (I)
- 599 Beaver. Roels, Iliane. Grosset. \$2.19.
R The child is introduced to all the fascinating facts about beavers and their patterns of living. (P)
- 599 Buffalo Land. Berry, William. Macmillan, 1961.
B A word and picture history of America's grassland wilderness--its animal and plant life. (I-A)
- 599 Elephants and Mammoths. Vevers, Dr. Gioynne. McGraw-Hill, c1971. \$4.33.
V Habits of two kinds of elephants and mammoths left are described and man's need to conserve these animals is stressed. (I-A)
- 599 The Life Picture Book of Animals. Mason, Robert G., ed. Little Brown,
M 1969. 64 pp. illus. \$3.95.
47 full color photographs of wild animals, especially for pre-school children. (P-I)
- 599 Little Chief of the Mountains. Hutchins, Ross E. Rand McNally. \$3.79.
H How the coney, or pika, lives in balance with his environment, with many sidelights on other wildlife of the western United States. (I)
- 599 Tigers. Stracey, P.D., Golden, 1968. \$3.95.
S Useful to one who is interested in the ecology, evolution, or conservation of larger carnivores. (I-A)

- 599.2
E Koalas Live Here. Eberle, Irmengarde. Doubleday, 1967. \$4.12.
Koalas well equipped for the life they live in Australian trees are introduced and their conservation is described. (I)
- 599.3
C Junior Science Book of Beavers. Crosby, Alexander L. Garrard, 1960.
\$2.39.
Beavers were once almost extinct in the United States but they now play an important role in conservation with their dams, canals, and lodges. (I)
- 599.3
P Whitefoot Mouse: all through the night. Peterson, Barbara and Russell F. Holiday, 1959. \$2.96.
Describes the habits of the whitefoot mouse and illustrates the interdependence of plants and animals within the natural community. (P-I)
- 599.7
A The American Mustang. Adrian, Mary. Hastings House, c1964. \$2.63.
Story of the life of mustang in the open spaces of the Southwest with a plea to provide restricted grazing areas for their protection. (I)
- 599.7
A The North American Bighorn Sheep. Adrian, Mary. Hastings House, 1966.
\$3.24.
The life cycle of the typical bighorn which includes a plea for conservation of wilderness areas essential to the survival of this majestic creature. (I)
- 599.7
D Seals and Walruses. Darling, Louis. Morrow. \$3.36.
Describes the characteristics of life, economic history, and conservation of many species of seals and walruses. (I)

600 - 699 APPLIED SCIENCE

- 628
S Clean Air-Sparkling Water, the fight against pollution. Shuttlesworth, Dorothy E. Doubleday, 1968. \$3.23.
Story of the war against air and water pollution and how it is being waged throughout the world. (I)
- 628
L Clean the Air: fighting smoke, smog and smaze across the country. Lewis, Alfred. McGraw-Hill, c1965. \$3.26.
Describes the many pollutants in the air we breathe and the harmful effects on human life if not controlled; present progress and future projects; excellent photographs. (I)
- 628
K Dangerous Air. Kavalier, Lucy. John Day, 1967. \$3.00.
The causes, effects, and cures, of air pollution are described in relation to pollution's hazards to animal and plant life. (I-A)
- 628
K Dimensions in Health. Kitzinger, Angela, PhD. Lyons and Carnahan, c1966. 32p.
Designed to supplement the basic health program, this unit text points out the causes, effects and control of air and water pollution. Activities and glossary. (I)

- 628 H How Do They Get Rid of It? Hilton, Suzanne. Westminster, 1970. \$3.30.
In this unusual approach to the problem of pollution are many intriguing, little known facts about waste disposal from garbage to old locomotives. (I-A)
- 628 C Let's Go to Stop Air Pollution. Chester, Michael. Putnam, c1968. \$2.43.
Air pollution and some of the methods used in its detection and control; role of weather; projects for further study. (I-A)
- 628 C Let's Go to Stop Water Pollution. Chester, Michael. Putnam, 1969. \$2.43.
Explains the causes and serious results of water pollution and describes the methods being used to counteract its effects and prevent its occurrence. (I-A)
- 628 B Not Only For Ducks. Blough and Bendick. Whittlesey House. \$2.25.
Conservation of water is the main subject. (P-I)
- 628 C Water Fit to Use. Carlson, Carl Walter and Bernice Wells Carlson. Day, c1966. \$3.86.
An engrossing account of water we use and abuse; how water is being polluted by the individual, industry, and agriculture, and what needs to be done. (I-A)
- 628 O Who Will Wash the River? Orłowsky, Wallace. Coward, 1970. \$3.49.
Information is timely and illustrations are pleasant in this easy-to-read ecology book of facts in story form of the pollution and purification of a river. (P)
- 631.4 B Down the Mountain: a book about the ever-changing soil. Bartlett, Margaret Farrington. Young Scott Books, c1963. \$2.44.
The nature of the soil, how it is produced and the differences in the soil and its productivity as you move down to where the plants begin to grow, where the terraces lie, then into the forest, and finally the meadow. (P-I)
- 631.4 S A Handful of Soil. Simon, Seymour. Hawthorn, 1970. \$3.95.
An open-ended experimentation and observation account, useful to the child and science teacher. (I-A)
- 631.4 V The Land Renewed: the Story of Soil Conservation. Van Dersal, William. Walck, H. Z., c1946. \$3.19.
Land is our most valuable resource and to neglect it would lead to ruin. Land renewal is a subject of great importance to the farmer, forester, and city dweller. (I)
- 631.4 C Soil. Cromer, Richard. Follett, 1967. \$1.59.
A simplified and fully illustrated study of the composition, formation, erosion, and importance of soil. (I)
- 631.4 P Soil. Parker, Bertha Morris. Harper and Row (paperback). 60 cents.
How is something worth millions of dollars gradually disappearing? This and other questions about one of our most important resources are answered. (I)

- 631.4
C Soil Savers. Colby, C. B., Coward-McCann, 1957. \$2.50.
Children are introduced to the work of the Soil Conservation Service of The Department of Agriculture through photographs and a brief text. (P-I)
- 631.4
T To Save the Soil. Talley, Naomi. Dial Press, c1965. \$2.35.
In nature the wearing away of land is slow compared to the way man has abused it through stripping away forests, over-grazing, and failing to use measures to renew it. Ways and means of soil conservation are discussed. (I)
- 631.4
S What is Soil? Syrocki, John B. Benefic Press, 1961. \$1.35.
Simple explanation of the composition of soil and methods of conservation are described. Easy to read account. (I)
- 634.9
H Forests: Riches of the Earth. Harrison, C. William. Messner, 1969. \$3.95.
Basic botany, geographical distribution, and uses and abuses of the world's forest resources are discussed. (A)
- 634.9
M The Friendly Forests. Moore, Alma C., Viking, 1963. \$3.37.
The vital role of the forests and how we can help them remain America's greatest resources. (I)
- 634.9
W Gifts from the Forest. Wall, Gertrude W., Scribner, 1958. \$3.31.
Entire picture of lumber industry from tree to finished product. Text and photographs place emphasis on the importance of conservation of our timber resources. (I)
- 634.9
S Life in the Forest. Snedigar, Robert. Meredith Press, c1962. \$1.00.
Interdependence of wildlife and man in the forest environment is stressed. (P-I)
- 634.9
B Lookout for the Forest; a conservation story. Blough, G. O. McGraw, 1955. \$3.25.
A small boy learns how the forest is protected from fire, insects, and farm animals and of its gifts to man. (P-I)
- 634.9
L Our Friend the Forest. Lauber. Doubleday, 1959. \$3.78.
The first part surveys the forest and the trees in it, also animals. The second part investigates the part of man with the forest: forest products, harvesting, protection and conservation. (I)
- 634.9
M The Phoenix Forest. Milne, Lorus and Margery. Atheneum, c1968. \$3.95.
A wealth of conservation information is this story of the forest producing new life from a burned-over forest. (I-A)
- 634.9
B The Picture Book of Timber. Brooks, Anita. Day, 1967. \$3.69.
A description of the responsibilities and duties of the forester in modern logging including research into maintaining and using forests. (I-A)

- 634.9
D Tree Farms; harvest for the future. Dowdell, Dorothy. Bobbs-Merrill, c1965. \$2.68.
American Tree Farm System is explained including disease control, fire protection, clearance of slash, careful harvesting and replanting and the use of the land as a watershed, wild life refuge or recreational area. (I-A)
- 634.9
H What Does a Forest Ranger Do? Hyde, Wayne. Dodd, Mead, 1964. \$3.23.
Photographic activities of the varied activities of a forest ranger. (I)
- 639
H The First Book of Wildlife Sanctuaries. Harrison, C. William. Watts, 1963. \$2.81.
Discusses wildlife preservation in the United States and lists by states the major game refuges. (I-A)
- 639
P Let's Go to a Fish Hatchery. Place, Marian T. Putnam, 1966. \$2.43.
A visit to a fish hatchery demonstrates the various processes involved in raising trout, salmon, bass, and catfish to replenish America's rivers and streams. (I)
- 917.3
N America's Wonderlands. National Geographic Society, c1959. 510 p. illus. \$8.95.
World in Color Series
A beautiful volume of photographs of and articles about our national parks and monuments.
For travelers, nature lovers, budding scientists and all young adult and school library collection. (I-A)
- 917.3
J National Parks: a guide to National Parks and Monuments of the United States. Golden Press, 1964. 165 p. illus. \$4.98.
A book of practical value that describes the scenic wonders, the flora and fauna, the accommodations of twenty-seven National Parks and twenty-two National Monuments. (I-A)

FICTION - EASY

- F
W Action at Paradise Marsh. Wier, Ester: Stackpole Books, c1968. 172 p. illus.
\$3.60.
The existence of Paradise Marsh is imperiled by a real estate operator.
"Radish" Johannsen helps to bring about the safety of the marsh and its
wildlife. (I)
- F
R Jim Forest Readers. Rambeau, John. Harr Wagner, 1967. \$26.98.
High interest, low reading ability books especially of interest to boys.
(Twelve titles) (I)
Jim Forest and Ranger Don
Jim Forest and the Trapper
Jim Forest and the Ghost Town
Jim Forest and the Bandits
Jim Forest and Lightning
Jim Forest and the Mystery Hunter
Jim Forest and the Plane Crash
Jim Forest and Dead Man's Peak
Jim Forest and the Flood
Jim Forest and Lone Wolf Gulch
- F
C Who Has Poisoned the Seal? Coppard, Audrey. Phillips, c1970. \$4.95.
A substance deposited in the sea in our day is poisoning the oceans and
killing all sea life in the twentieth century. This story combines science
fiction and suspense and raises some of the knotty problems of the twentieth
century. (I)
- F
P Ollie, the Backward Forward. Philbrook, Clem. Hastings, c1970. \$3.96.
There are lots of on-the-court laughs as Ollie lives up to his reputation
as the "backward forward" plus some really up-to-date problems like
pollution. (I)
- F
P The Wump World. Peet, Bill. Houghton, 1970. 44 p. \$3.95.
A cartoon story of environment pollution. (P-I)
- F
V Wildfire. Valena, Evans. World, 1963. \$4.91.
A forest fire starting in the tiniest of embers at the base of a tree,
spreads through the valley and becomes a terror that drives the wildlife in
headlong flight. A lyric story that captures the mood and texture of the
wilderness. (I-A)
- F
P Farewell to Shady Glade. Peet, Bill. Houghton Mifflin, c1966. \$3.23.
Mechanical monsters force the wild life of Shady Glade to leave for a new
undisturbed home. Written from the point of view of the animals. (P-I)
- E
A Blaze and the Forest Fire. Anderson, C. W. Macmillan, 1938. \$2.96.
Billy and Blaze, his horse, are able to sound the alarm and save a forest.
(P)
- E Jeff and Mr. James' Pond. Meeks, Esther MacBain. Lothrop, Lee, and
Shepard, c1962. \$3.56.
Nature's plan for maintaining the balance of life is illustrated in this
story of how Jeff and Mr. James kept the water of a pond clean and
sparkling. (P)

E A Tree is a Tree. Udry, Janice M., Harper, 1956. unp. illus. \$2.95.
U A picture book that conveys the "coolness, strength and fun" of trees to young children. (P)

III

FILMSTRIPS

- FS
333.7 Conservation for Beginners. SVE Inc. E430-S. 6fs. \$30.
Children are taught the elementary principles of conservation and the importance of our natural resources with original stories about friendly animals. (P)
430-1 Sonny Squirrel and the Pine Trees (33 fr.)
430-2 The Deer and the Haystack (27 fr.)
430-3 A Picnic for Dick and His Friends (24 fr.)
430-4 The Lamb and the Bluebells (26 fr.)
430-5 Susan and the Forest Fire (28 fr.)
430-6 The Muddy Raindrops (38 fr.)
- FS
333.7 Conservation for Today's America. (Filmstrip) Society for Visual Education. 1967. \$49.50. (I-A)
7 fs. (44 fr.) color, 4 phonodiscs, 7s, 12 in. 33 rpm.
An analysis of the importance of the conservation of natural resources (soil, forests, water, wildlife, mineral, urban, land). What causes the problems and what can be done.
- FS
333.7 Conservation in the City. Encyclopedia Britannica Series No. 11500. 3 fs. \$6 ea. \$18 set. 52 fr. ea.
Part I Underfoot
Part II Eyelevel
Part III Overhead
A new approach to conservation education stresses meaning of conservation in a city environment. (I-A)
- FS
333.7 Conservation of our Resources. (Filmstrip) Eye Gate House, 1958. 9 fs. (av. 34 fr. each) color. Teacher's Manual. \$39. (I-A)
Contents: This Land Is Ours; The waste of our resources; The need for conservation; Soil and its conservation; The Conservation of our Forests; The Conservation of Wild Life; The Conservation of Minerals; The Conservation of Human Resources.
- FS
333.7 Conserving Our Natural Resources. (Filmstrip) Encyclopedia Britannica Films, 1961. 7 fs. (av. 45 fr.) color \$42.
Graphic photographs plus explanatory diagrams picture losses of natural resources and their causes, methods of restoration and principles of conservation.
Contents: Enough Water for Everyone; Giving Our Wildlife a Chance; Improving our Grasslands; Saving Our Soil; Using Our Forests Wisely; Using Our Minerals Wisely; What is Conservation? (I-A)

- SFS
333.7 Smokey Bear and Little Marcy. SVE
EC-101-SAR-5fs, 3 Rec. \$49.50.
EC-101-SATC-5fs, 3 Cassettes \$52.50. (P)
Children are taught the importance of forest fire prevention, conservation,
and the interrelated roles of man and nature through song, poetry, and
dramatic narration.
C101-1 Meet Smokey Bear
C101-2 Animals in the Forest
C101-3 A Picnic in the Forest
C101-4 A Hike in the Forest
C101-5 Being Careful With Fire
- FS
333.9 Water Servant to Man. Educational Reading Service, 1968. 40 fr. color.
(Learn About Filmstrip Libraries Series) \$6.00. (P-I)
Children learn the part played by water and rainfall in man's struggle
with nature. Man uses water for conservation, power and for everyday
living.
- FS
551.4 The Living Desert. E.V.E. Corp., 1956. 6fs. color. \$36.
A photographic study showing most of the ecological concepts of this
environment based on Walt Disney's film of the same title. (I-A)
Contents:
The Great American Desert
Mammals of the Desert
Plant Life of the Desert
Reptiles of the Desert
Small Creatures of the Desert
Survival in the Desert
- FS
574
D Discovering Life Around Us. Encyclopedia Britannica No. 1110. 5fs.,
color, 33 fr. ea. Producer-National Film Board of Canada. \$6 each,
\$30 set. (P-I)
Relationships between living things are observed.
Ecological concepts are discovered.
A Visit to a Garden
A Visit to a Pond
A Visit to a Seashore
A Visit to a Woods
- FS
574 Exploring the World of Nature. S.V.E.
E 423-SA Set 6 fs. col., \$38.50.
E 423-SB Set 6 fs. col., \$38.50.
An ecological approach to the study of plants and animal relationships to
their environment. Man's influence on plants and animals is also
demonstrated. (I-A)
Group I
423-1 Let's Explore a Field
423-2 Let's Explore a Garden

- 423-3 Let's Explore a Lawn
- 423-4 Let's Explore a Pond
- 423-5 Let's Explore a Stream
- 423-6 Let's Explore a Woodland

Group II

- 423-7 Let's Explore the City, part 1
- 423-8 Let's Explore the City, part 2
- 423-9 Let's Explore the Dunes
- 423-10 Let's Explore the Desert
- 423-11 Let's Explore the Shore
- 423-12 Let's Explore a Salt Marsh

SFS
574.5 Ecology and Our Environment. Imperial Film Company, Inc. 4fs., tape or 2 rec.

For building a better understanding of ecological problems by students.
(I-A)

1. Ecological Systems
2. Underwater Environment
3. Exploring the Seasons

FS
574.5 Ecological Imbalance: Six Systems Disturbed. Eye Gate, 1971. 6 fs. color.
\$6.50 ea. \$35 set. (I-A)

- X76A Upland Forest Despoilation and Imbalance
- X76B Lowland Forest Despoilation and Imbalance
- X76C Marshes Despoilation and Imbalance
- X76D Grasslands Despoilation and Imbalance
- X76E Streams and Ponds Despoilation and Imbalance
- X76F Tidal Zone Despoilation and Imbalance

Investigates the despoilation and imbalances within the environment caused by man and nature.

FS
574.5 Interdependence of Living Things. (Filmstrip) McGraw-Hill Book Co. 1961.
6 fs. (40 fr. each) color. \$36.50. (I-A)

Basic principles of ecology and the necessity for sound conservation practices, illustrated and explained.

Contents:

- Animal and plant communities, city
- Animal and plant communities, field
- Animal and plant communities, forest
- Animal and plant communities, pond
- Introduction to Ecology
- The Web of Life

FS
574.5 Introduction to Ecology. Eye Gate, 1971. 6 fs. color at \$6.50 each.
\$35 set. (I-A)

- X46A Upland Forest
- X46B Lowland Forest
- X46C Marshes

X46D Grasslands
 X46E Streams and Ponds
 X46F Tidal Zone

Designed to introduce students in grades four to eight to basic inter-relationships between plants and animals.

FS Urban Ecology: Six Microsystems. Eye Gate. 1971.

574.5

X77A A Paved School Yard
 X77B A Vacant Lot
 X77C A Park
 X77D A Park Pond
 X77E A Grass Yard
 X77F A Construction Site

6 fs., color. \$6.50 each. \$35 set.

Introduces concept that ecology is present in the cities as well as the country. (I-A)

FS The Vanishing Prairie. (Filmstrip) Encyclopedia Britannica Corp., E.B.

591

8400, 1956. 6 fs. (50 fr. each) color.

\$36.00 (I-A)

Based on Walt Disney Motion Picture The Vanishing Prairie

Contents:

The American Prairie; The American Buffalo; Prairie Dog; The Mountain Lion; Coyotes and Other Prairie Animals; Birds of the Prairie.

FS The Arctic Wilderness. E.B.E. Corp. 1956. 6 fs. color \$36.

599

Based on Walt Disney's motion picture of the same title, the photography explores the abundant life of arctic tundra and subarctic zones. (I-A)

Contents:

Wolverines and Weasels of the Northland
 The Northland
 Birds of the Northland
 Arctic Foxes and Wolves
 Marine Mammals of the Northland
 Rodents of the Northland

SFS America's Urban Crisis. S.V.E., 1970.

614

202-SAR 6 fs. 3 rec. \$51.50. (I-A)

202-SARC 6 fs. 3 cassettes \$57.50.

On site photography in six major cities.

202-1 The Roots of Our Urban Problem

202-2 The Air Pollution Menace

202-3 Water Pollution--A Complex Problem

202-4 Solid Waste--A New Pollutant

202-5 The Transportation Crisis

- SFS
614 Young Scientists Investigate Pollution. Singer-SVE, Inc.
E428-SAR-4fs, 2 rec, 4 guides \$32.50. (I-A)
E428-SATC-4fs, 2 cassettes, 4 guides \$36.50.
Students tell of their science fair projects in which they analyze air and water pollutants.
- 428-1 Smog and Plant Growth
 - 428-2 Air Pollution and Lung Tissue
 - 428-3 Measuring Water Pollution
 - 428-4 Fresh Water From the Sea
- FS
627 Water and Soil. (Filmstrip) Bailey Films, 1951.
4 fs. b&w \$14.50. (I)
Contents:
Why Water is Important (27 fr.)
Water is necessary for all life and is important for cleanliness, transportation, electricity, and recreation.
Water Cycle (40 fr.)
How Water Power Produces Electricity (42 fr.)
Conserving Water and Soil (32 fr.)
- FS
634.9 The Forest Community. (Filmstrip) Perry, John. McGraw-Hill, 1964.
6 fs. color \$35.50. (I-A)
Based on the book Exploring the Forest by John Perry.
Contents:
Building the Soil (51 fr.)
Where Trees Grow (52 fr.)
How Trees Grow (53 fr.)
Forest Plant and Animal Relationships (48 fr.)
Enemies of the Forest (49 fr.)
Forest for the Future (54 fr.)

IV

MOTION PICTURES

- MP
301.3 Nature Next Door. Association Films, 25358 Cypress Avenue, Hayward, CA 94544.
A 27 min. color.
 The importance of natural beauty near at hand to the city dweller is stressed.
 (I)
- MP
301.3 To Build a Better City. Central Mortgage and Housing Corp., Audio Visual
 Aids. 16 min. color.
 A discussion of redevelopment projects. (I)
- MP
301.5 The Green City. Stuart Finley, Inc. 23 min. color.
G Conservation of Natural resources for progress and economy is discussed.
 A discussion also dealing with urban renewal. (I-A)
- MP
333 The Meaning of Conservation. Coronet Instructional Films, 1954. 11 min.
 sd., color, 16 min. Study guide.
 Explains the preservation of what we have and the rebuilding of what we
 have lost. (I-A)
- MP
333.7 Adventuring in Conservation. Indiana U. A-V Center. 14 min. sd. color.
 Shows boys and girls as they discover the interdependence of plants and
 animals in nature's communities; how man destroys and upsets these communities;
 the importance of our natural resources, and what we can do to conserve
 them. Sets forth camping practices that will aid conservation. (I-A)
- MP
333.7 America the Beautiful. United Artists Association. 20 min. color.
 Panorama of America's resources, industries, communities, national parks,
 mountains, deserts, lakes, rivers, forests. (P-I-A)
- MP
333.7 Bulldozed America. Carrousel Films, Inc. 25 min. b/w.
 The bulldozer is used as a symbol of the destruction of America's scenic
 beauty for industrial and commercial benefits (appeal for action). (I-A)
- MP
333.7 Conservation and the Balance of Nature. International Film Bureau, Inc.
 18 min. color.
 A discussion of "What Is Man Doing to His Environment?" (I-A)
- MP
333.7 Conserving Our National Resources. BFA 17 min. b/w/color.
 Distinguishes between renewable and non-renewable natural resources and
 describes new methods for using old resources. Stresses the idea we can
 preserve non-renewable resources by making fullest use of them. (I-A)
- MP
333.7 Forest Conservation. E. B. F. 10 min. color.
 Shows how forest devastation affects plants, humans, and other animals.
 Suggests preventive measures and describes the work of conservationists.
 (I-A)

- MP
333.7
H A Heritage We Guard. United States National Audio-Visual Center. National Archives and Records Service, Washington, D.C. 20409. 30 min. b/w. Conservation and preservation of our wildlife and other natural resources is depicted. (I-A)
- MP
333.7 Our Natural Resources. Pat Dowling Pictures. 10 min. color. Conservation of timber, minerals, and water means the wise use and replenishment of the latter. (I-A)
- MP
333.7
W We're On Our Way. Eastman Kodak Company. 25 min. A film produced by the Coca Cola Company and Eastman Kodak to support the 1966 National Youth Conference on Natural Beauty and Conservation. (I-A)
- MP
551 Land and Waters of Our Earth. Coronet. 11 min. Jimmy, on a picnic, becomes aware of many kinds of earth and water forms on the surface of our earth. (P)
- MP
551.4 How Water Helps Us. Coronet, 1967. 11 min., sd. 16mm, with teacher's guide. When the water supply to his house is temporarily cut off, a young boy learns the importance of water. (P-I)
- MP
551.4
ETSPS Secrets of a Brook. P. I. A. 30 min. sd. b/w. Character, moods, and meanings of life in a brook are revealed through the eyes of a little girl. (P-I-A)
- MP
574 Exploring the World of Nature. S. V. E., 1969. 6fs. color. \$6.50 each, \$36.00 s. A survey of conditions, types of plant and animal life found in the city, salt marsh, dunes, desert, and shore; the ecological relationships, and man's exploitation and conservation practices are stressed. (P-I)
- MP
574 Life Along the Waterways. EBF., 11 min. color. Many forms of plant and animal life found near streams, ponds, rivers, and marshes are shown through photography. (P-I-A)
- MP
574
N Nature is For People. AIMS Instructional Media Services, Inc. 1969. 9 min. color. The contrast between man's response to urban and natural environments is forcefully portrayed. A highly motivational film for environmental education or creative expression. (P-I)
- MP
574 Nature's Half Acre. Walt Disney, 1951. 33 min. sd. col. 35mm. Actual photographs and time-lapse photography are used to present the teeming life to be found in a small plot of land, the struggle for survival among insects, birds, and nature's system of balance--ecology. (I-A)

- MP
574 We Explore the Woodland. Coronet. 11 min., color. \$3.00.
Children learn that the woodland is a kind of home shared by many different plants and animals. (P)
- MP
574.5 A Matter of Time. Conservation Foundation. 15 min. color.
This film shows the changes man has made in his environment by his use of it. (I-A)
- MP
574.5 The Tree. Churchill Films. 9 min. color.
Illustrates the many roles played by a tree such as providing a home for certain animals. Shows the way the leaves protect and enrich the soil. Stresses the interdependence of living things. (P-I)
- MP
628 Conserving Our Water Resources Today. Coronet. 11 min.
Methods for conserving surface and ground water, and for reclaiming and purifying water are shown. (I-A)
- MP
628 Water, Friend or Enemy. C.I.A.A. 10 min., color.
A disney production that uses dramatic animation to illustrate the various ways in which a water supply may be polluted and rendered unfit for human use. (I-A)
- MP
634.9 Let's Visit a Tree Farm. Coronet. 10 min. sd., color. NSC-1175.
Follows two young children as they are introduced to the operations on a tree farm. Explains such endeavors as buying seedlings, planting, harvesting, spraying, pruning, and cutting lumber. (P-I)
- MP
634.9 Conseiving Our Forests Today. Coronet. 11 min. sd. color.
Relates techniques used to protect and renew our commercial forest lands. Fire and disease are shown, and value and uses of forests are indicated. (I-A)
- MP
634.9 How Trees Help Us. Coronet. 10 min. sd. color. b/w.
A father explains the importance of trees to an intermediate school child. Uses of today and by Indians are pointed out. (P-I)
- MP
634.9 Forest Murmurs. Interlude. 11 min. sd. color.
Scenic beauty of parks and forests is visualized and contrasted with the ugliness that litter and trash can produce. Uses sound track of dramatic music without commentary. (I-A)
- MP
796.54 Camping-A Key to Conservation. Indiana U. A-V Center. 32 min. sd. color, b/w.
This film indicates conservation practices in camping and points out the significance of conservation. (I-A)

PERIODICALS

- 050
A Audubon Magazine. National Audubon Society, 1899-illus. \$7.00 yr.
Addressed to young people and adults and profusely illustrated, this magazine is devoted to the conservation of our wildlife, wilderness, scenic areas, plants, soil, and water.
- 050
B Boys Life. Boy Scouts of America. North Brunswick, N.J. G.S. Barton Co. 1911 - illus. monthly 40 cents ea., \$4 yr.
An excellent magazine for all boys. Articles on sports, athletes, science, conservation. The March, 1971 issue has an article "Sixty Years of Conservation" on p. 40.
- 050
N National Geographic Magazine. National Geographic Society, 1888-col. illus. maps, monthly. \$8.00 yr.
A standard reference on scientific expeditions, animal life, people of other lands and of other times.
- 050
N National Geographic School Bulletin. National Geographic Society, n.d. weekly (except June-Sept.) \$2 yr.
Written especially for the children of the Society, it may be used either as a classroom magazine or for independent reading.
- 050
N Nature and Science. American Museum of Natural History. 1963 illus. 17 nos. yr. \$3.00 yr.
Short authoritative articles, illustrated with drawings and photographs over a wide range of science topics for upper elementary children with strong science interests.
- 050
Q Outdoor Indiana. Indiana Department of Natural Resources, Room 612, State Office Bldg., Indianapolis, Ind. 10 times yr. \$3 yr., 50 cents each.
A valuable source of articles about the natural resources of Indiana. Many articles on conservation. Attractive colored pictures of Indiana scenery and wildlife.
- 050
R Ranger Rick's Nature Magazine. National Wildlife Federation. col. illus. 10 times a yr. \$6.00 yr.
Boys and girls are given a year round program of activities, adventure, and knowledge that will help them enjoy nature. Attractive format, illustrations in color with stories, articles, nature legends, puzzles, how-to-do projects, and a book review column. Available only through membership. A useful teaching aid.

VI

SOURCES OF PROFESSIONAL INFORMATION

- Prof 016.5 A.A.A.S. Science Book List for Children. Deason, Hilary J., Comp., Am. Assoc. for Adv. of Science, c1963, 201 p. \$2.75.
- Prof 016,333 Conservation Education: a selected bibliography. Carvajal, Joan, Comp. Interstate, 1968, 98 p. \$3.75.
Sponsored by the Conservation Education Association, this list recommends those titles published 1957-1966 which are in print and not difficult to obtain. Limited to books (also paperbacks) on interrelationships of resources. Natural resources. Role of man. Tools for the teacher. Basic collections. Annotated, broad grade level symbols.
- Prof 333.7 Act in Time. 1969.
Office of the State Supt. of Public Instruction. Richard D. Wells, Supt.
A resource guide for art and conservation teaching to improve man's environment.
- Prof 333.7 Conservation Directory.
National Wildlife Federation. \$1.50 per year.
N Annual Educational Servicing Dept., 1412 Sixteenth Street N.W., Washington, D.C. 20036.
An ideal reference tool for students and teachers who are concerned about environment--all the names and all the agencies for you to contact in one book.
- Prof 333.7 Conservation Yearbook. U.S. Dept. of the Interior. U S. Government Printing Office. c1965-1968 \$1.25 ea.
C Annual reports to the people from the Department of Interior on the work of the Department and its agencies in the field of conservation.
- Prof 500 Educator's Guide to Free Science Materials 1968.
Educators Progress Service, Randolph, Wisconsin.
E
- Prof 574 American Educational Publications Ecology Program for Grades 4, 5, and 6. Free Teacher's Guide. 35 cents each (ten or more). American Education Pub., Education Center, Columbus, Ohio, 43216.
A
Grade 4 Nature and Needs
Grade 5 Habit and Habitats
Grade 6 Problems and Progress

Prof
628
S "Showdown for Water." Superintendent of Documents, Washington, D.C.
50 cents.
A description of the water pollution program for clean water, past and future plans.

Prof
574.5
W Experiences With Living Things; an introduction to ecology for five to eight year olds.
Wensberg, Katherine. Beacon Press, c1966. \$3.96.
A plan for teaching children about the interdependence of all living creatures. "Backyard activities" are suggested that are to be discussed; read about, sung about, and summarized in story form.

Prof
628 Air and Water Pollution. Dimensions in Health. Kitzinger, PhD. Lyons and Carnahan, c1966.
A unitext to supplement your basic health program on air and water pollution.

VII

PROFESSIONAL PERIODICALS

Conservation News. National Wildlife Federation, 1412 Sixteenth Street N.W., Washington, D.C. 20036.

Conservation Report. National Wildlife Federation, 1412 Sixteenth Street N.W., Washington, D.C. 20036.

The Conservationist. New York State Conservation Department. 1946-v. \$2.00 per year.

A handsome magazine with colored and black and white photographs, maps. Informative articles for teachers and good readers in the elementary school.

Cornell Science Leaflet, No. 1. New York State College of Agriculture. 1958-v. illus. \$1.00 per year. Valuable supplementary material on a wide range of topics useful in science but also covers topics like "Nature poetry" and "Conservation."

Environment. Committee for Environmental Information, 438 North Skinker Blvd., St. Louis, Mo. 63130.

Environmental Education News. Michigan Dept. of Natural Resources. Lansing, MI 48926.

Grade Teacher, CCM Professional Magazines, Inc., 22 West Putnam Ave., Greenwich, Connecticut.

This elementary periodical includes practical helps for teaching science, also a review of new science materials.

The Instructor. VI-Owen. 1891 v. illus. monthly (except July and August). \$7.00 per year.

Practical articles for the classroom teacher, with much illustrated material, booklists, guidelines for activities. Units on science included.

National Parks Magazine VI. National Parks Association. June 1919-v. illus. \$5.00 per year.

For school units on national parks and/or conservation of natural resources; can be worthwhile for conservationists and for related developments in economic and ecological aspects.

National Wildlife VI. National Wildlife Federation. 1962 v. col. illus. bimonthly. \$5.00 per year.

Covers every aspect of the enjoyment and conservation of the nation's outdoors resources.

Natural History VI. American Museum of Natural History.
1900 v. col. illus. ports. maps. bimonthly. \$5.00 per
year.

Nature Conservancy News. Nature Conservancy, 2039 K
Street N.W., Washington, D.C. 20026.

Outdoor News Bulletin. Wildlife Management Institute, 709
Wire Building, Washington, D.C. 20005.

Regional Conservation Education Newsletter. Forest Service,
U.S. Dept. of Agriculture, 633 W. Wisconsin Ave., Milwaukee,
WI 53203.

Science and Children. National Science Teachers Association.
1963. 8 nos. a year. \$4.00 per year.
A science journal directed specifically to the elementary
science teacher; articles by working science educators at a
variety of levels. Practical suggestions for classroom
methods and projects.

VIII

CHARTS, PICTURES, TRANSPARENCIES, UNITS OF WORK, POSTERS

- Trans 333 L The Land That Supports Us. U.S. Dept. of Agriculture, Soil Conservation Service, Washington, D.C.
3M Brand Instructional Unit. 23 transparencies.
Visual Products Division, 3M Company, St. Paul, Minn.
The transparencies stress the importance of soil conservation, improper and proper land use, and present the choices we must make. (I-A)
- AU 333.7 E Earth Island. An Introduction to Ecology in Action. Educational Division of Simon and Schuster. \$75 set. Workbooks \$1.25 ea., 3FS, color with soundtracks on two 12 in. rec. (LP) Teacher's manual and student workbook sample, 22 Eco-Data cards, 4 large color posters. Free 7 in. LP rec. This unit teaches the student ecological concepts about environment. (I-A)
- MUR 333.7 E Ecology Murals (Ready to color)
Environmental Teaching Enterprises. P.O. Box 7271, Riverside, California 95203.
3x6 ft. murals, 5 murals for \$7.50.
List of murals includes:
Environmental Change
Wildlife Extinction
Noise Pollution
Pesticides
- AU Look at Our Environment. E.V.I., Education Ventures, Inc. 209 Court St., Middletown, Conn. 06457.
A new mixed-media unit on environment for middle graders, consists of reading and game materials, stimulates reflective thinking, and creates experiential basis for understanding facts and issues of environmental education. (I)
- AU 333.7 My Weekly Readers "Earth Patrol". Earth Patrol Headquarters, My Weekly Reader, American Education Publications, a Xerox Company.
Projects of Earth Patrol campaigns against pollution, contributed by elementary classrooms, are featured in My Weekly Reader. (Songs, posters, poems, bicycle stickers, street markers, collection campaigns, clean-up crews, etc.) (P-I)
- Tran 550 W Water, Air, and Heat. 3M 1965, 25 transparencies, color. (Science packet, No. 5) (P-I)

AP
574

Our Living World. Instructional Aids, Inc. 5 sets at \$7.95 each.
Complete series \$39.75.

These art prints of the world about us are beautiful photographs by some of the world's most noted wildlife photographers. The series includes:

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- The Fishes (6)
- The Insects (6)
- The Reptiles (6)

Each study print has a complete description, life history, and information on closely related spec (P-I)

SP
590

Picture-Story Study Prints. Society for Visual Education, Inc.
18" x 13", color photography, lesson material on back of each print.
(8 prints in each set) (P-1)

PSSP-100 Basic Science Series

- NSP-101 Common Insects
- NSP-102 Spring Wild Flowers
- NSP-103 Wild Animals, Group 1
- NSP-104 Common Birds, Group 1.
- NSP-105 Pets
- NSP Farm and Ranch Animals

PSSP-200-Basic Science

- NSP-107 Moths and Butterflies
- NSP-108 Common Fruits
- NSP-109 Broadleaf Trees
- NSP-110 Animals Without Backbones
- NSP-111 Reptiles and Amphibians
- NSP-112 300 Animals

PSSP-300 Basic Science

- NSP-113 Important Minerals
- NSP-114 Common Rocks and Rock-Forming Minerals
- NSP-115 Familiar Cloud Forms
- NSP-116 Familiar Fresh-Water Fish
- NSP-117 Familiar Birds, Their Young and Nests
- NSP-118 Land Forms of Running Water

AP
590

Wildlife in the City and Suburbs. Instructional Aid, Inc.
The life cycle of common birds, animals, and insects is presented in sequence. Each set contains four study prints in full color printed on 13 x 18 inch card stock and packaged in plastic folder. Photographs coated with varnish. Background information on back. Complete series \$48.00. (P-I) Individual titles at \$6.00.
Red Fox; Bull Frog; Raccoon; Opossum; Polyphemus moth; Cottontail rabbit; Snapping turtle; Monarch butterfly.

Ph
628

The Vandalized Environment. Documentary Photo Aids, Sarasota, Florida.
Set of 25 (11" x 14" blowups) \$14.00.

Pictures of smog, water pollution, solid waste pollution, diseased plants and animals, and atomic explosions are included.

Documentation of the discovery that the earth does not belong to us, but we to it and that it is easier to destroy than to manufacture.

(P-I-A)

IX

ORGANIZATIONS

(Sources for Material on Ecology, Conservation, and Pollution)

American Forestry Associations. 919 Seventeenth Street N.W., Washington, D.C. 20005.

American Iron and Steel Institute. Education Department, 150 East Forty-Second Street,
New York, N.Y. 10017.

American Petroleum Institute. 1217 Avenue of the Americas. New York, N.Y. 10020.

Federal Water Pollution Control Administration. U.S. Department of the Interior.
Supt. of Documents, U.S. Govt. Printing Office, Washington, D.C.

Humble Oil and Refining Co. P.O. Box 2180, Houston, Tx. 77001.

Izaak Walton League of America. 1326 Waukegan Road, Glenview, Ill. 60025.
This organization has encouraged the teaching of conservation and
environmental education in the schools of Indiana.

Keep America Beautiful, Inc. 99 Park Avenue, New York, N.Y. 10016.

Manufacturing Chemists Assoc. 1825 Connecticut Avenue N.W., Washington, D.C. 20009.

National Coal Association. Coal Building, 1130 Seventeenth Street N.W., Washington,
D.C. 20036.

Office of Conservation Education. U.S. Department of the Interior, C Street between
18 and 19 Streets N.W., Washington, D.C. 20240.

Resources for the Future, Inc. 1775 Massachusetts Avenue N.W., Washington, D.C.
20036.

St. Regis Paper Company. 150 East 42 Street, New York, N.Y. 10017.

Standard Oil Company. 30 Rockefeller Plaza, New York, N.Y. 10020.

U.S. Geological Survey. Information Office. U.S. Department of the Interior,
Interior Building, Washington, D.C. 20242.

Imperial Film Company, Inc. 4404 S. Florida Avenue, Lakeland, Florida 33803.

U.S. Department of Health, Education, and Welfare. Public Health Service.
Environmental Health Service, National Air Pollution Control Administration.

Superintendent of Documents. U.S. Government Printing Office, Washington, D.C. 20402.

A rich source of materials on all subjects of National concern, including all phases of ecology. Free or inexpensive.

National Wildlife Federation. 1412 Sixteenth Street N.W., Washington, D.C. 20036.

Free list of educational publications from the world's largest non-profit conservation organization.

Source for Conservation Education Publications.

Soil Conservation Service. U.S. Department of Agriculture. Source of booklet,

"More Wildlife Through Soil and Water Conservation," Agriculture Information Bulletin No. 175.

DIRECTORY OF BOOK PUBLISHERS

Abelard-Schuman

Abelard-Schuman, Ltd., 6 W. 57th St., New York, N.Y. 10019.

Abingdon

Abingdon Press, 201 Eighth Ave. S., Nashville, Tenn. 37203.

Acropolis

Acropolis Books, Colortone Building, 2400 Seventeenth Street N. W., Washington, D.C. 20009.

Addison-Wesley

Addison-Wesley Publishing Co. Inc., Reading, Mass. 01867.

American Museum

American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024.

Atheneum

Atheneum Publishers, 162 E. 38th St., New York, N.Y. 10016.

Benefic Press

Benefic Press, Beckly-Cardy Company, 1900 N. Narragansett, Chicago, Ill. 60639.

Bobbs

Bobbs-Merrill Company, Inc., 4300 West 66th Street, Indianapolis, Ind. 46206.

Boy Scouts of America

Supply Division, Boy Scouts of America, North Brunswick, N.J. 08902.

Children's Press

Children's Press, Inc., 1224 W. Van Buren St., Chicago, Ill. 60607.

Coward-McCann

Coward-McCann, Inc., 200 Madison Ave., New York, N.Y. 10016.

Cowles

Cowles Book Company, Inc., Look Bldg., 488 Madison Ave., New York, N.Y. 10032.

Creative Education

Creative Educational Society, Inc., 515 N. Front Street, Mankato, Minn. 56001.

Crowell

Thomas Y. Crowell Company, 201 Park Ave. S., New York, N.Y. 10003.

Crown

Crown Publishers, Inc., 419 Park Ave. S., New York, N. Y. 10016.

Day

The John Day Company, 62 W. 45th St., New York, N.Y. 10036.

Dial

The Dial Press, Inc., 750 Third Ave., New York, N.Y. 10017.

Dodd

Dodd, Mead & Company, Inc., 452 Park Ave. S., New York, N.Y. 10016.

Doubleday

Doubleday and Company, Inc., 277 Park Ave., New York, N.Y. 10017.

Follett

Follett Publishing Company, 1010 W. Washington Blvd., Chicago, Ill. 60607.

Garrard

Garrard Publishing Company, 1607 N. Market Street, Champagne, Ill. 61820.

Golden Gate

Golden Gate Junior Books, Box 398, San Carlos, Calif., 94070.

Golden

Golden Press Publishers, 850 Third Ave., New York, N.Y. 10022.

Grosset

Grosset & Dunlap, Inc., 51 Madison Ave., New York, N.Y. 10010.

Harcourt

Harcourt, Brace & World, Inc., 757 Third Ave., New York, N.Y. 10017.

Harper

Harper and Row, Publishers, 49 E. 33rd St., New York, N.Y. 10016.

Harvey House

Harvey House, 5 S. Buckhout St., Irvington-on-Hudson, N.Y. 10533.

Hastings House

Hastings House, Publishers, Inc., 151 E. 50th St., New York, N.Y. 10022.

Hawthorne

Hawthorne Books Inc., 70 Fifth Ave., New York, N.Y. 10011.

Knopf

Alfred E. Knopf, Inc., 501 Madison Ave., New York, N.Y. 10022.

Lippincott

J.B. Lippincott Company, E. Washington St., Philadelphia, Pa. 19105.

Little

Little Brown & Company, 34 Beacon St., Boston, Mass. 02106.

Lyons and Carnahan

Lyons and Carnahan Educational Publishers, 2500 Prairie Ave., Chicago, Ill.

Macrae

Macrae Smith Company, Lewis Tower Bldg., 225 S. 15th St., Philadelphia, Pa. 19102.

McGraw

McGraw-Hill Book Company, Inc., 330 W. 42nd St., New York, N.Y. 10036.

McKay

David McKay Company, Inc. Publishers, 750 Third Avenue, New York, N.Y. 10017.

Macmillan

The Macmillan Company, Publishers, 866 Third Avenue, New York, N.Y. 10019.

Melmont

Melmont Publishers, Inc., 1224 W. Van Buren Street, Chicago, Ill. 60607.

Meredith

Meredith Press, 1716 Locust St., Des Moines, Iowa 50303.

Messner

Julian Messner, Inc., 1 West 39th St., New York, N.Y. 10018.

Morrow

William Morrow & Company, Inc. Publishers, 425 Park Av. S., New York, N.Y. 10016.

National Geographic Society

National Geographic Society, 17th & M Streets N.W., Washington, D.C. 20036.

National Wild. Fed.

National Wildlife Federation, 1412 Sixteenth Street N.W., Washington, D.C. 20036.

Natural Hist.

Natural History Press, 501 Franklin Ave., Garden City, N.Y. 11530.

Norton

W.W. Norton & Company, Inc. Publishers, 55 Fifth Avenue, New York, N.Y. 10003.

Prentice-Hall

Prentice-Hall, Inc., Route 9 W, Englewood Cliffs, N.J. 07632.

Putnam

G.P. Putnam's Sons, 200 Madison Ave., New York, N.Y. 10016.

Rand

Rand McNally & Company, Box 7600, Chicago, Ill. 60680.

Scribner

Charles Scribner's Sons, 597 Fifth Ave., New York, N.Y. 10017.

Seabury

The Seabury Press, Inc., 815 Second Ave., New York, N.Y. 10017.

Simon and Schuster

Simon & Schuster, Inc. Publishers, 630 Fifth Ave., New York, N.Y. 10020.

Time, Inc.

Time, Incorporated, Book Division, Time & Life Building, Rockefeller Center,
New York, N.Y. 10020.

U.S. Department of the Interior

Bureau of Sport Fisheries and Wildlife

Fish and Wildlife Service

U.S. Government Printing Office, Washington, D.C. 20402.

Van Nostrand

D. Van Nostrand Company, Inc., 120 Alexander Street, Princeton, N.J. 08540.

Viking

The Viking Press, Inc., 625 Madison Ave., New York, N.Y. 10032.

Walck

Henry Z. Walck, Inc. Publishers, 19 Union Square W., New York, N.Y. 10003.

Watts

Franklin Watts, Inc., 575 Lexington Ave., New York, N.Y. 10022.

Westminster Press

Westminster Press (Westminster Book Stores), Room 908, Witherspoon Bldg.,
Walnut and Juniper Sts., Philadelphia, Pa. 19107.

World Pub.

The World Publishing Company, 2231 West 110th Street, Cleveland, Ohio 44102.

Young Scott Bks.

William R. Scott, Inc., 333 Avenue of the Americas, New York, N.Y. 10014.

XI

DIRECTORY OF PUBLISHERS OF AUDIO-VISUAL MATERIALS

- Association Films (Distributors), 25358 Cypress Avenue, Hayward, Calif.
- Bailey Film Associates, 6509 DeLongpre Avenue, Hollywood, Calif. 91201.
- Carrousel Films, Inc., 1501 Broadway, New York, N.Y.
- Central Mortgage and Housing Corporation, Audio-Visual Aids, Ottawa 7, Canada.
- Churchill Films, 662 North Robertson Blvd., Los Angeles, Calif. 90069.
- Conservation Foundation, 125 Connecticut Avenue N.W., Washington, D.C. 20036.
- Coronet Instructional Films, 65 East South Water Street, Chicago, Ill. 60601.
- Documentary Photo-Aids, P.O. Box 2620, Sarasota, Fla. 33578.
- Eastman Kodak Company, 343 State Street, Rochester, N.Y. 14650.
- Educational Reading Service, East 64 Midland Ave., Paramus, N.Y. 07652.
- Encyclopedia Britannica Educational Corporation, 425 North Michigan Avenue, Chicago, Ill. 60611.
- Eye Gate House, 146-01 Archer Street, Jamaica, N.Y. 11435.
- Imperial Film Company, 321 South Florida Ave., Lakeland, Fla. 33802.
- Indiana University A-V Center, Office for Academic Affairs, Indiana University, Bloomington, Ind.
- Interlude Films, 1508 Crossroads of the World, Hollywood, Calif. 90028.
- International Film Bureau, Inc., 332 South Michigan Avenue, Chicago, Ill. 60604.
- Instructional Media Services, Inc., P.O. Box 1010, Hollywood, Calif. 90028.
- McGraw-Hill Book Company, 330 West 42nd Street, New York, N.Y. 10036.
- Pat Dowling Pictures (now distributed by Bailey), B.F.A. Ed. Media, 2211 Michigan Ave., Santa Monica, Calif. 90404.
- Society for Visual Education, 1345 Diversey Parkway, Chicago, Ill. 60614.
- Stuart Finley, Inc., 3428 Mansfield Road, Falls Church, Va. 22041.

United Artists Association, 555 Madison Avenue, New York, N.Y. 10022.

United States National Audio-Visual Center, National Archives and Records Service,
Washington, D.C. 20409.

Walt Disney 16mm Films, 800 Sonora Avenue, Glendale, Calif. 91201.

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GRADUATE PROGRAMS IN EDUCATION

Programs of graduate study in education at Indiana State University include the following:

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- The Master of Science - Agency Counseling Curriculum
- The Master of Science - College Student Personnel Work Curriculum
- The Master of Arts and Master of Science - Educational Psychology Curriculum
- The Master of Science - Special Education Curriculum
- Graduate non-degree programs for certification for School Services Personnel and Administration
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- The Doctor of Philosophy Degree in Educational Administration, Elementary Administration, Guidance and Psychological Services, and Secondary Education.

For further information write:

Assistant Dean for Graduate Studies
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Indiana State University
Terre Haute, Indiana 47800



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